

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b) Google Inc., a Delaware corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent applications listed on the attached Appendix (Table 1) by virtue of assignments, including assignments from inventors of the patent applications. The assignments for these patent applications were recorded in the Patent and Trademark Office on the Real and Frame numbers provided in the Appendix (Table 1).

The undersigned, acting on behalf of the assignee, is empowered to act on behalf of the assignee and hereby revokes all powers of attorney previously granted in the applications and appoints the practitioners associated with **PTO Customer Number 26192** to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

All correspondence regarding the application should be sent to **PTO Customer Number 26192**.

Direct all telephone calls to Hans R. Troesch, Reg. No. 36,950, at telephone number (650) 839-5070.


I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,



Date: September 20, 2011

Fish & Richardson P.C.
PTO Customer No. 26192
50802160.doc


Name: Katherine Stephens
Title: Senior Corporate Counsel
Assistant Secretary

ATTACHMENT: (Table 1: 1 page)

TABLE 1

| Attorney Docket No. | Application Serial No. | Recordation Date Reel/Frame |
|---------------------|------------------------|---|
| 16113-3576001 | 09/014,669 | INVENTORS ASSIGNED TO <u>NORTHBROOK DIGITAL LLC</u> , RCRD <u>7/12/2011</u> AT R/FR: <u>026581/0178</u> NORTHBROOK DIGITAL LLC ASSIGNED TO <u>GOOGLE INC.</u> , RCRD <u>8/17/2011</u> AT R/FR: <u>0267670178</u> |
| 16113-3576002 | 09/245,183 | INVENTORS ASSIGNED TO <u>NORTHBROOK DIGITAL LLC</u> , RCRD 7/12/2011 AT R/FR: 026577/0977 NORTHBROOK DIGITAL LLC ASSIGNED TO <u>GOOGLE INC.</u> , RCRD 8/17/2011 AT R/FR: 0267670178 |
| 16113-3576003 | 10/652,670 | INVENTORS ASSIGNED TO <u>NORTHBROOK DIGITAL LLC</u> , RCRD 5/8/2011 AT R/FR: 026241/0287 NORTHBROOK DIGITAL LLC ASSIGNED TO <u>GOOGLE INC.</u> , RCRD 8/17/2011 AT R/FR: 0267670178 |
| 16113-3576004 | 11/278,688 | INVENTORS ASSIGNED TO <u>NORTHBROOK DIGITAL LLC</u> , RCRD 5/8/2011 AT R/FR: 026241/0246 NORTHBROOK DIGITAL LLC ASSIGNED TO <u>GOOGLE INC.</u> , RCRD 8/17/2011 AT R/FR: 0267670178 |
| 16113-3576005 | 11/734,784 | INVENTORS ASSIGNED TO <u>NORTHBROOK DIGITAL LLC</u> , RCRD 5/8/2011 AT R/FR: 026241/0202 NORTHBROOK DIGITAL LLC ASSIGNED TO <u>GOOGLE INC.</u> , RCRD 8/17/2011 AT R/FR: 0267670178 |